

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF CLAIMS:

1-15. (cancelled)

16. (currently amended) ~~Adhesive~~ An adhesive
composition, comprising:

an aqueous dispersion having a primary part, composed essentially of a gelatinized starch, and a secondary part, essentially comprising a nongelatinized starch and/or a swollen starch, in which:

- the starch of the primary part comprises a starch selected from the group consisting of native and modified legume starches, native and modified cereal starches and native and modified tuber starches, alone or as a mixture with one another, and

- when the starch of the primary part comprises a legume starch, the starch of the secondary part is then selected from the group consisting of native legume starches, native and modified cereal starches and native and modified tuber starches having an amylose content of less than 30%, alone or as a mixture with one another, and,

- when the starch of the primary part is a native or modified cereal or tuber starch, the starch of the secondary part comprises at least one native legume starch; and

said legume starches furthermore exhibiting a purity of greater than 90%, ~~as well as~~ colloidal matter and/or fibrous residue contents of less than 1% (dry/dry), ~~and~~ protein contents of less than 1% (dry/dry), and an amylose content of between 30 and 52% (dry/dry).

17. (currently amended) ~~Adhesive~~ The adhesive composition according to claim 16, wherein said legume starches exhibit a purity of greater than 95%.

18. (currently amended) ~~Adhesive~~ The adhesive composition according to claim 16, wherein said legume starches exhibit a purity of greater than 98%.

19. (currently amended) ~~Adhesive~~ An adhesive composition, comprising:

an aqueous dispersion having a primary part, composed essentially of a gelatinized starch, and a secondary part, essentially comprising a nongelatinized starch and/or a swollen starch, in which:

- the starch of the secondary part is a native legume starch, and

- the starch of the primary part is optionally a native or modified legume starch,

said starches exhibiting a high purity[[,]] of greater than 90%, ~~as well as low contents, for example and respectively~~ of less than 1% (dry/dry) of colloidal matter and of fibrous residues ~~and of~~, less than 1% of proteins, and an amylose content of between 30 and 52%.

20. (currently amended) ~~Adhesive~~ The adhesive composition according to claim 19, wherein said starches exhibit a purity of greater than 95%.

21. (currently amended) ~~Adhesive~~ The adhesive composition according to claim 19, wherein said legume starches exhibit a purity of greater than 98%.

22. (currently amended) ~~Adhesive~~ The adhesive composition according to Claim 16, wherein the amylose content of the legume starch or starches is between 30.5 and 45%(dry/dry).

23. (currently amended) ~~Adhesive~~ The adhesive composition according to Claim 16, wherein the amylose content of the legume starch or starches is greater than 31% and less than 40% (dry/dry).

24. (currently amended) ~~Adhesive~~ The adhesive composition according to Claim 16, wherein the amylose content of the legume starch or starches is between 31.5 and 39.5% (dry/dry).

25. (currently amended) ~~Adhesive~~ The adhesive composition according to Claim 16, comprising between 10 and 40% by weight of legume starch, with respect to the whole of said composition.

26. (currently amended) ~~Adhesive~~ The adhesive composition according to Claim 16, comprising between 0.3 to 5% by weight of an alkaline substance, with respect to the whole of said composition.

27. (currently amended) ~~Adhesive~~ The adhesive composition according to Claim 16, comprising between 0.01 to 5% by weight, with respect to the total starch, of borax or of any other boron-carrying chemical compound.

28. (currently amended) ~~Adhesive~~ The adhesive composition according to Claim 16, exhibiting a solids content of greater than approximately 26%.

29. (currently amended) ~~Adhesive~~ The adhesive composition according to Claim 16, exhibiting a solids content equal to or greater than 28%.

30. (currently amended) ~~Adhesive~~ The adhesive composition according to Claim 16, comprising an effective amount of a chemical agent selected from sulphates, in particular zinc sulphate, aluminium sulphate or copper sulphate, zirconium-carrying compounds or diammonium phosphate.

31. (currently amended) ~~Adhesive~~ The adhesive composition according to Claim 30, exhibiting a solids content of greater than approximately 20%.

32. (currently amended) ~~Adhesive~~ The adhesive composition according to Claim 30, exhibiting a solids content equal to or greater than 22%.

33. (currently amended) ~~Adhesive~~ The adhesive composition according to Claim 30, exhibiting a solids content of greater than approximately 24%.

34. (currently amended) ~~Adhesive~~ The adhesive composition according to Claim 30, exhibiting a solids content equal to or greater than 26%.

35. (currently amended) ~~Adhesive~~ The adhesive Adhesive composition according to Claim 16, comprising an effective amount of a resin selected from the group consisting of formaldehyde resins and of formaldehyde-free synthetic resins.

36. (withdrawn-currently amended) ~~Process~~ A process for the preparation of corrugated fibreboard, comprising, at least once, the following steps:

- ~~application~~ applying, to the tips of the flutes of a preshaped paper strip, ~~[[of]]~~ an adhesive composition according to Claim 16,
- ~~application of~~ applying a flat paper or ~~[[of]]~~ a flat fibreboard to the flute tips thus coated with the adhesive composition, and
- drying.

37. (withdrawn-currently amended) ~~Corrugated~~ A corrugated fibreboard, comprising an adhesive composition according to Claim 16.

38. (withdrawn-currently amended) ~~Corrugated~~ the corrugated fibreboard according to Claim 37, exhibiting a resistance to water according to the criteria defined by the FEFCO No. 9 test.

39. (withdrawn-currently amended) ~~Corrugated~~ A corrugated fibreboard comprising an adhesive composition according to Claim 16, which is selected from the group consisting of "single face", "single wall" or "triple wall" fibreboard, "heavy" fibreboard, fibreboard exhibiting a number of flutes of greater than 3, and/or microflutes.

40. (currently amended) ~~Adhesive~~ The adhesive composition according to Claim 19, wherein the amylose content of the legume starch or starches is between 30.5 and 45%(dry/dry).

41. (currently amended) ~~Adhesive~~ The adhesive composition according to Claim 19, wherein the amylose content of the legume starch or starches is greater than 31% and less than 40% (dry/dry).

42. (currently amended) ~~Adhesive~~ The adhesive composition according to Claim 19, wherein the amylose content of the legume starch or starches is between 31.5 and 39.5% (dry/dry).

43. (currently amended) ~~Adhesive~~ The adhesive composition according to Claim 19, comprising between 10 and 40% by weight of legume starch, with respect to the whole of said composition.

44. (currently amended) ~~Adhesive~~ The adhesive composition according to Claim 19, comprising between 0.3 to 5% by weight of an alkaline substance, with respect to the whole of said composition.

45. (currently amended) ~~Adhesive~~ The adhesive composition according to Claim 19, comprising between 0.01 to 5% by weight, with respect to the total starch, of borax or of any other boron-carrying chemical compound.

46. (currently amended) ~~Adhesive~~ The adhesive composition according to Claim 19, exhibiting a solids content of greater than approximately 26%.

47. (currently amended) ~~Adhesive~~ The adhesive composition according to Claim 19, exhibiting a solids content equal to or greater than 28%.

48. (currently amended) ~~Adhesive~~ The adhesive composition according to Claim 19, comprising an effective amount of a chemical agent selected from sulphates, in particular zinc sulphate, aluminium sulphate or copper sulphate, zirconium-carrying compounds or diammonium phosphate.

49. (currently amended) ~~Adhesive~~ The adhesive composition according to Claim 19, comprising an effective amount of a resin selected from the group consisting of formaldehyde resins and of formaldehyde-free synthetic resins.

50. (withdrawn-currently amended) ~~Process A~~ A process for the preparation of corrugated fibreboard, comprising, at least once, the following steps:

- ~~application~~ applying, to the tips of the flutes of a preshaped paper strip, ~~[[of]]~~ an adhesive composition according to Claim 19,

- ~~application~~ applying ~~[[of]]~~ a flat paper or of a flat fibreboard to the flute tips thus coated with the adhesive composition, and

- drying.

51. (withdrawn-currently amended) ~~Corrugated A~~ corrugated fibreboard, comprising an adhesive composition according to Claim 19.